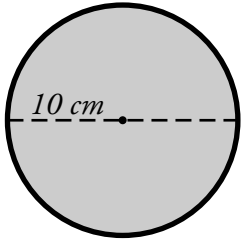
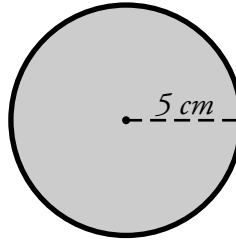


Name: _____

Circumference of a Circle



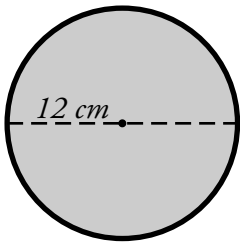
$$C = \pi \times d$$
$$d = 10 \text{ cm}$$
$$\pi = 3.14$$
$$3.14 \times 10 \text{ cm} = 31.4 \text{ cm}$$



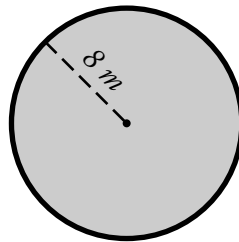
$$C = 2 \times \pi \times r$$
$$r = 5 \text{ cm}$$
$$\pi = 3.14$$
$$2 \times 3.14 \times 5 \text{ cm} = 31.4 \text{ cm}$$

Find the circumference of each circle. Use 3.14 for pi.

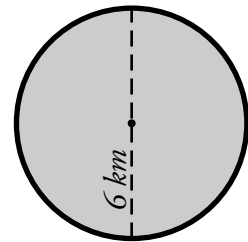
a.



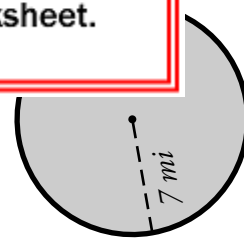
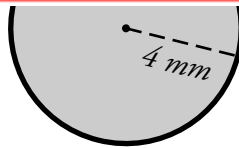
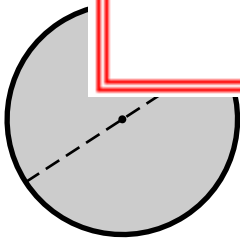
b.



c.



d.



PREVIEW

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Find the missing measurement for each circle.

g. $r = 3 \text{ mm}$, $d = 6 \text{ mm}$, $C =$ _____

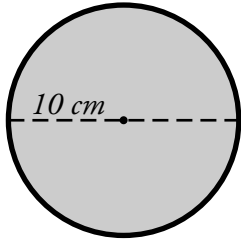
h. $r = 10 \text{ in.}$, $d =$ _____, $C = 62.80 \text{ in.}$

i. $r =$ _____, $d = 5 \text{ m}$, $C = 15.70 \text{ m}$

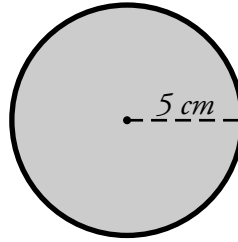
j. $r = 2 \text{ ft}$, $d =$ _____, $C =$ _____

ANSWER KEY

Circumference of a Circle



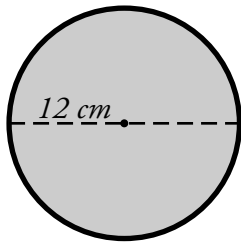
$$C = \pi \times d$$
$$d = 10 \text{ cm}$$
$$\pi = 3.14$$
$$3.14 \times 10 \text{ cm} = 31.4 \text{ cm}$$



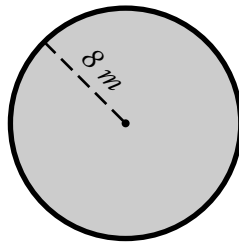
$$C = 2 \times \pi \times r$$
$$r = 5 \text{ cm}$$
$$\pi = 3.14$$
$$2 \times 3.14 \times 5 \text{ cm} = 31.4 \text{ cm}$$

Find the circumference of each circle. Use 3.14 for pi.

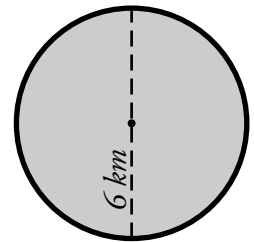
a.



b.

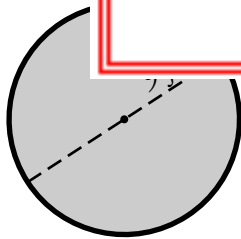


c.



37.6

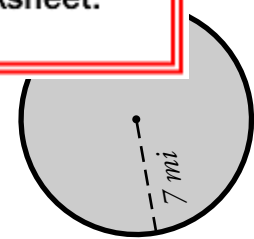
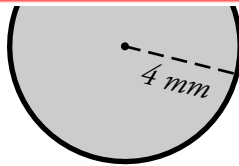
d.



PREVIEW

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m



28.26 ft

25.12 mm

43.96 mi

Find the missing measurement for each circle.

g. $r = 3 \text{ mm}$, $d = 6 \text{ mm}$, $C = \underline{18.84 \text{ mm}}$

h. $r = 10 \text{ in.}$, $d = \underline{20 \text{ in.}}$, $C = 62.80 \text{ in.}$

i. $r = \underline{2.5 \text{ m}}$, $d = 5 \text{ m}$, $C = 15.70 \text{ m}$

j. $r = 2 \text{ ft}$, $d = \underline{4 \text{ ft}}$, $C = \underline{12.56 \text{ ft}}$